Northwest Territories Renewable Resource Harvester Survey

Winter 1990

Overall Results

Northwest Territories Bureau of Statistics

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Renewable Resource Harvester Survey
Winter 1990

Overall Results

Bureau of Statistics
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INTRODUCTION

This report presents results from the Renewable Resource Harvester Survey completed during the winter of 1990. This survey was completed by the Bureau of Statistics as part of the review of harvester support programs undertaken by the Department of Renewable Resources and the Department of Social Services in coordination with the Deputy Ministers Committee on Income Support. Overall direction for the survey was provided by the Renewable Resource Harvesters Program Working Group chaired by the Deputy Minister of the Department of Renewable Resources with representatives of the Tungavik Federation of Nunavut (TFN), the Inuvialuit Game Council, the Dene Nation, and the Métis Association. Funding for the survey was provided by the Department of Renewable Resources.

Questionnaires were completed by personal interview with approximately 1,400 native households during February and March 1990. Data collection was contracted to the Tungavik Federation of Nunavut, the Inuvialuit Game Council, and the Dene-Métis Negotiations Secretariat who provided surveyors and survey coordinators for their region. The sample was designed to provide statistically reliable information for the TFN claim area, the Inuvialuit settlement area, and the Dene-Métis claim area, as well as providing data at the territorial level. An attempt was made to survey households in every community in Northwest Territories. Further details on sample design and general survey methodology are provided in Appendix A of this report.

Topics covered in the survey and in this report include demographic characteristics of native households and the level of involvement in trapping, in hunting & fishing, in wage employment, and in traditional crafts. Other topics covered are household income, consumption of country food, types of harvesting equipment owned, and operating costs of harvesting.

DEFINITIONS

Native Households

- refers to households with at least one native person resident at the time of the survey.

TFN Claim Area

- refers to the area of Northwest Territories inculded in the Tungavik Federation of Nunavut land claim.

Inuvialuit Settlement Area

- refers to the area of Northwest Territories included in the Inuvialuit land claim settlement.

Dene-Métis Claim Area

- refers to the area of Northwest Territories included in the Dene-Métis land claim.

Adults

- refers to persons 16 years of age and older.

Children

- refers to persons under 16 years of age.

Harvesting Households

- refers to native households having at least one member involved in trapping, hunting or fishing during 1989.

SYMBOLS & ABBREVIATIONS

-	zero or too small to be expressed	%	percent
No.	number	Avg.	average

Note: Due to sample weighting, totals for tables in this report do not neccesarily sum. Information based on relatively few responses should be used with caution.

HIGHLIGHTS

Native Households

- In winter 1990, there were an estimated 7,266 native households in Northwest Territories. Some 3,216 of these households were in the TFN claim area, 887 in the Inuvialuit settlement area and 3,163 in the Dene-Métis claim area.

- Based on the survey, there are an average of 4.5 persons per native household in Northwest Territories. This value is highest in the TFN claim area at 5.3 persons per household, while there are an estimated 4.3 persons per household in the Inuvialuit settlement area and 3.8 persons per household in the Dene-Métis claim area.

- Overall, 10 percent of native households are comprised of one person living by themselves, with one person living alone representing 16 percent of native households in the Dene-Métis claim area, 7 percent in the Inuvialuit settlement area and 5 percent in the TFN claim area.

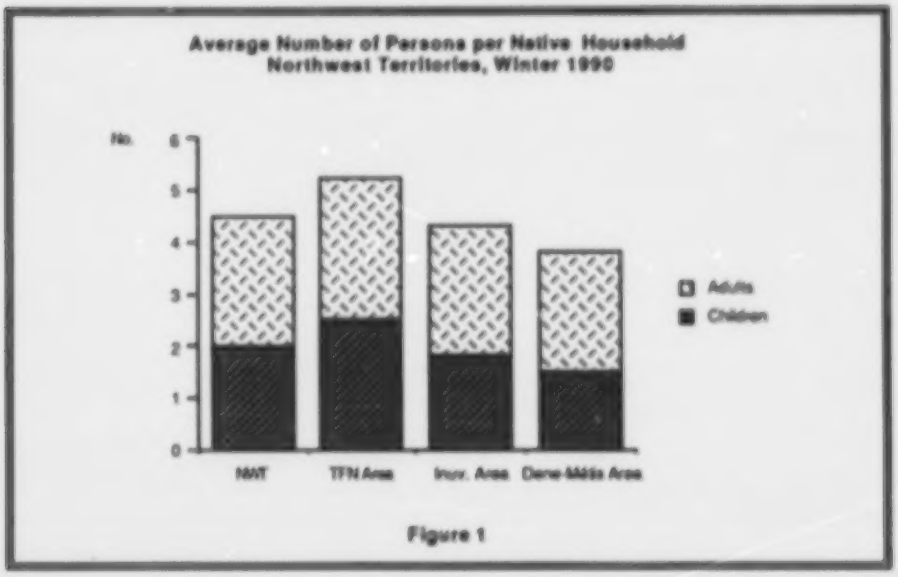


Figure 1

- Some 36 percent of native households have more than two adult residents (16 years of age and older). For the TFN area, this figure is 43 percent, compared to 34 percent and 30 percent in the Inuvialuit and the Dene-Métis areas.

- An estimated 25 percent of native households had no children (under 16 years of age) living at home at the time of the survey. This statistic varied considerably by area, with no children resident in 13 percent of native households in the TFN area, 25 percent in the Inuvialuit area, and 37 percent in the Dene-Métis area.

Trapping Activity During 1989

- An estimated 1,638 native households (23 percent) were involved in trapping during 1989. Some 72 percent of these households had only one person who trapped.

- Involvement in trapping was highest in the Dene-Métis area at 29 percent of all native households. Some 22 percent of native households in the Inuvialuit area were involved in trapping, while 16 percent of native households in the TFN area indicated trapping activity.

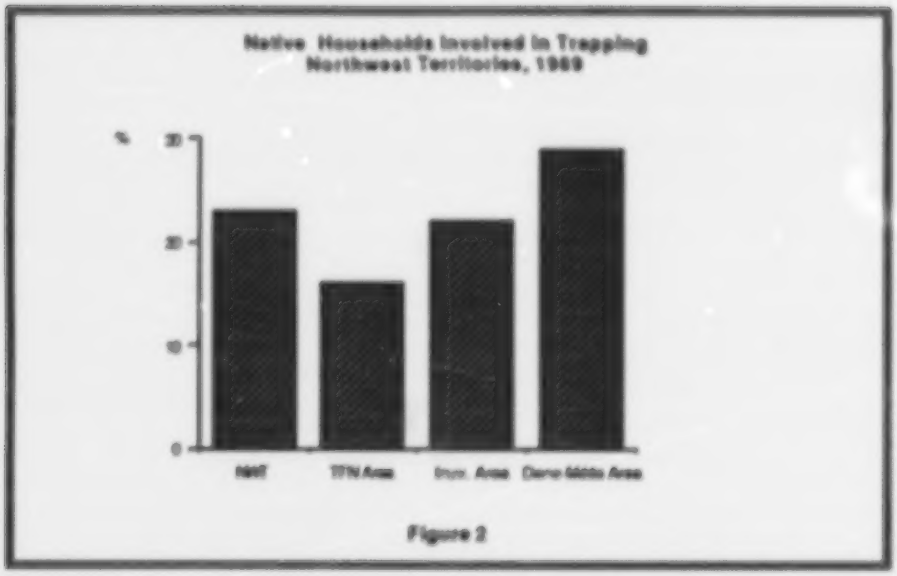


Figure 2

- The highest level of involvement in trapping occured between November and February, with a peak of 1,239 native households involved in trapping during December. The least activity was for July when 187 native households indicated trapping activity.

Hunting or Fishing Activity During 1989

- Involvement in hunting or fishing was much higher compared to trapping with 5,219 native households (72 percent) reporting hunting or fishing activity.

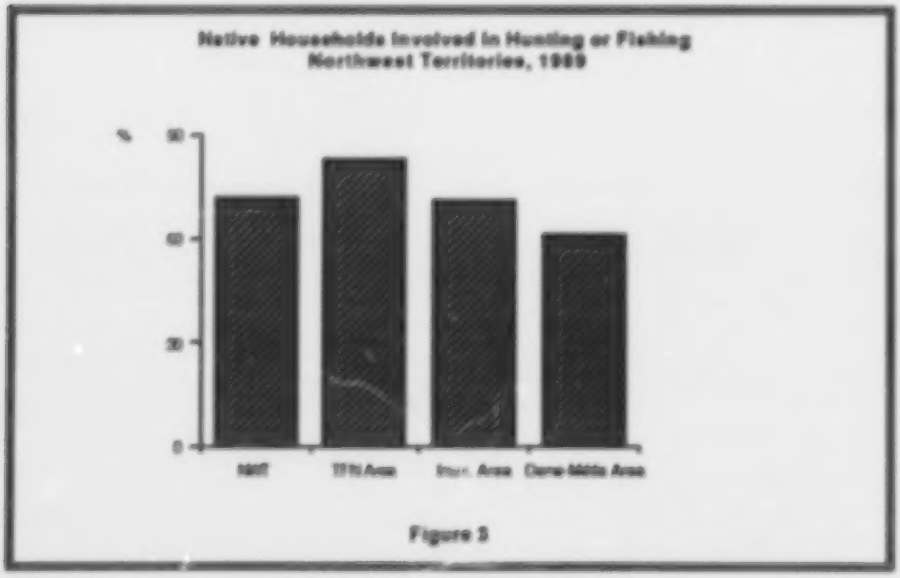


Figure 3

- Some 58 percent of the native households indicating hunting or fishing activity had two or more persons involved in hunting or fishing.

- At 83 percent of native households, involvement in hunting or fishing activity was highest in the TFN area. By comparison, some 71 percent of native households in the Inuvialuit area hunted or fished, while 61 percent of native households in the Dene-Métis area reported hunting or fishing activity.

- Involvement in hunting or fishing was highest in the summer months peaking at 48 percent of native households in August.

- For the TFN area, hunting or fishing activity peaked during the period June to August, ranging from 57 to 59 percent of native households. For the Inuvialuit area, involvement was highest in May at 45 percent and remains high at about 40 percent from June to August. In the Dene-Métis area an estimated 36 to 39 percent of native households were hunting or fishing in the July to September period.

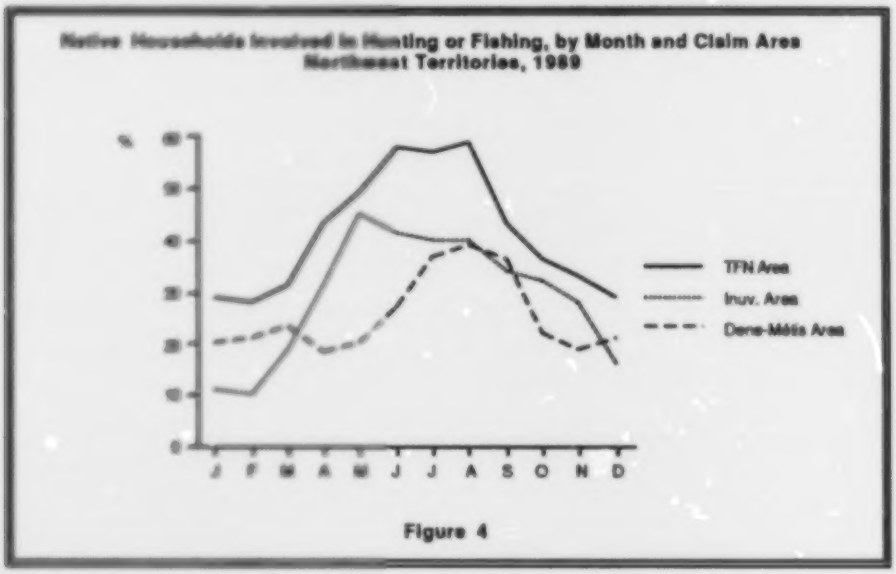


Figure 4

Employment Activity During 1989

- An estimated 6,351 native households (87 percent) had at least person who worked at some point during 1989. Some 58 percent of these households had two or more persons who worked in 1989.

- The percentage of native households with someone employed during 1989 was high in all areas at 89 percent for the TFN area, 94 percent for the Inuvialuit area, and 84 percent for the Dene-Métis area. In the Inuvialuit area some 70 percent of native households with someone who worked during 1989, had two or more persons who had worked during the year. Comparable figures for the other two areas were 57 percent for the Dene-Métis area and 56 percent for the TFN area.

- The percentage of native households with at least one member employed peaked during the summer months, although seasonal variations were not as extreme as with harvesting activities. The monthly average of native households with someone employed was 79 percent in the Inuvialuit area, 74 percent in the TFN area and 68 percent in the Dene-Métis area.

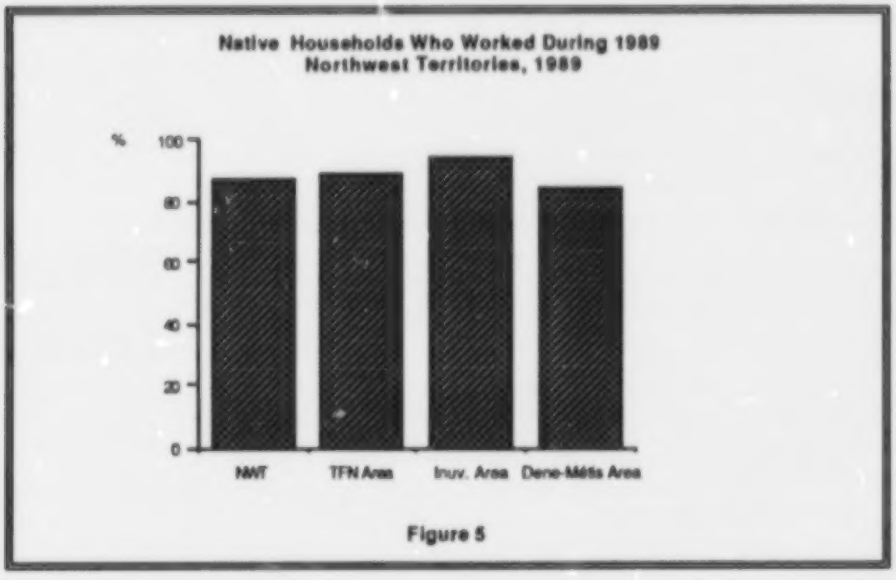


Figure 5

Traditional Northern Crafts

- Overall, 2,826 native households (39 percent) were involved in traditional northern crafts during 1989. The highest involvement was found in the TFN area at 46 percent, while 36 percent of the native households in the Inuvialuit area and 32 percent of the native households in the Dene-Métis area were involved in traditional northern crafts.

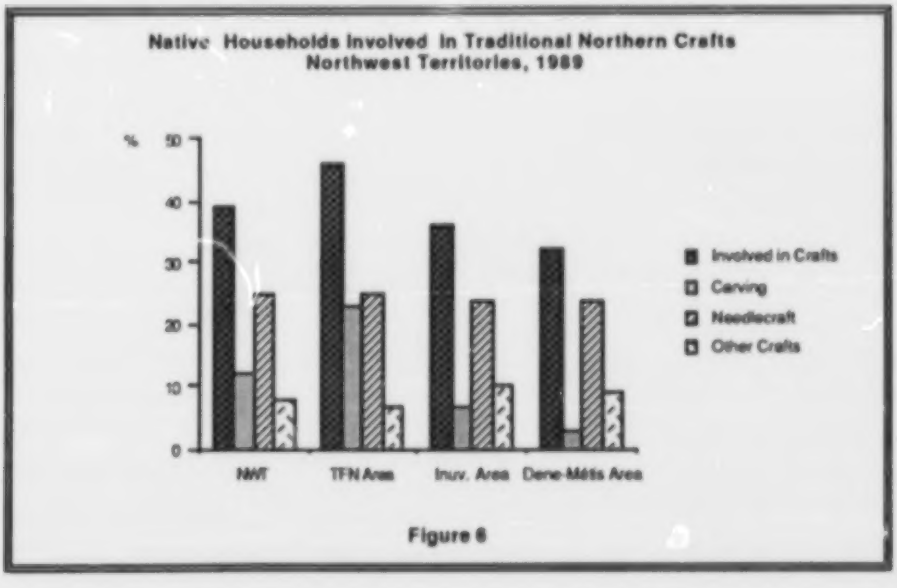


Figure 6

- Needlecraft was the most frequently identified activity with 1,792 native households (25 percent) reporting this activity. For needlecraft the level of involvement was similar in all areas. Carving was reported by 12 percent of native households, varying from 23 percent in the TFN area to 7 percent in the Inuvialuit area and 3 percent in the Dene-Métis area.

Native Household Income

- Total household income for native households in Northwest Territories in 1989 was approximately $249 million, averaging $34,337 per household. In the Dene-Métis area total income was over $115 million, or $36,492 per native household. In the TFN area total native household income was was approximately $101 million averaging $31,471 per household, while the total income for in the Inuvialuit area was $32 million, or $37,037 per household.

- An estimated 32 percent of native households had incomes totalling less than $20,000, while 3 percent had a total household income of $90,000 or more. Comparing areas, the percentage of native households with incomes less than $20,000 and with incomes totalling $90,000 or more was 33 percent and 1 percent for the TFN area, 28 percent and 3 percent for the Inuvialuit area, and 35 percent and 5 percent for the Dene-Métis area.

- Looking at household income and household size, an estimated 35 percent of native households had less than $5,000 income per household member. Comparing this data by area, some 45 percent of the native households in the TFN area had less than $5,000 income per member, while 28 percent in the Inuvialuit area and 26 percent in the Dene-Métis area were in this category.

- Examining household income information by source, some 88 percent of native households identified wages and salaries as an income source during 1989. The total income received from wages and salaries by these households was $202 million, for a household average of $31,706. A total of $2.5 million in business income was identified by 3 percent of native households, with an average of $11,398 being received by these households.

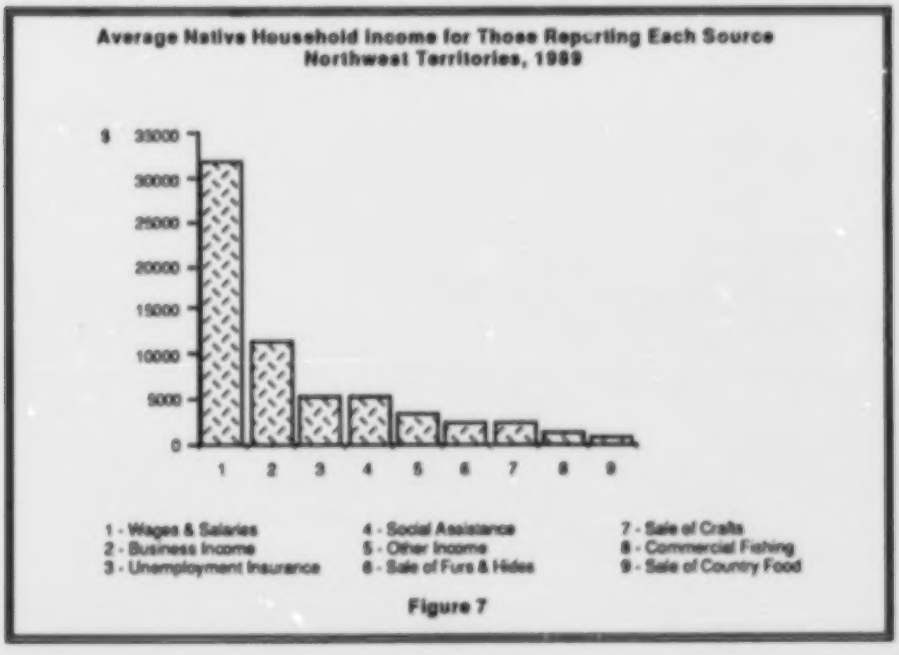


Figure 7

- A total of $6.8 million in unemployment insurance payments were identified by native households for 1989. An estimated 17 percent of native households received income from this source during 1989, with an average of $5,326 being received.

- An estimated 40 percent of native households received social assistance during 1989. The total amount of social assistance received was $15.5 million, or $5,299 per household which received payments.

- A total of $2.4 million in sales of furs and hides were reported by some 14 percent of native households ($2,277 per household reporting this income source). Commercial fishing income totalled $400,000 for the 5 percent of native households with income from this activity ($1,165 per household). The sale of country food was identified by 1 percent of native households with approximately $82,000 in total sales of country food reported ($798 per household). There was a total of $2.4 million in sales of crafts identified by 15 percent of native households ($2,271 per household).

- Other income sources (which include family allowance and old age security) accounted for $17 million in total income and were identified by 70 percent of native households. The average income from this category was $3,392 per household.

Consumption of Country Food

- An estimated 91 percent of native households reported consuming meat and fish obtained through hunting and fishing. A total of 22 percent obtained all their meat and fish through harvesting, 27 percent indicated getting most through harvesting, 16 percent reported half was obtained through harvesting, and 25 percent indicated some meat and fish obtained by harvesting. Some 3 percent of native households did not provide their level of country food consumption.

- For the TFN area, 59 percent of native households indicated that most or all of their meat and fish was obtained by hunting and fishing, compared to 52 percent in the Inuvialuit area and 39 percent in the Dene-Métis area.

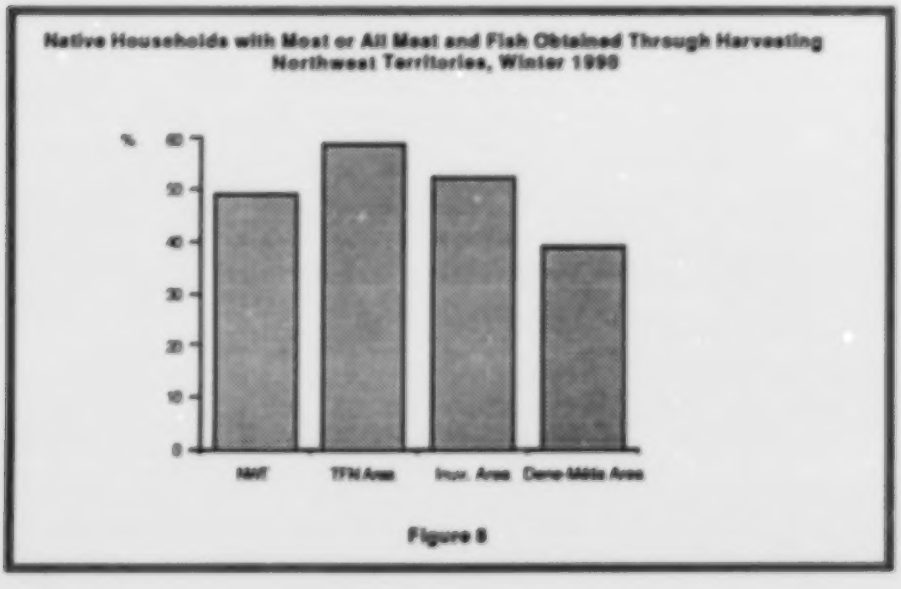


Figure 8

- The proportion of meat or fish obtained by hunting or fishing increased with the number of persons living in the household. For native households with one or two members, 35 percent reported that most or all of their meat and fish was obtained through hunting and fishing, compared to 45 percent of households with three or four members, 52 percent of households

with five or six members, and 70 percent of households with 7 or more members. This overall pattern was observed in all three areas.

- Consumption of country food varied somewhat with household income. For native households with less than $20,000 total income, 50 percent obtained most or all of their meat and fish through hunting or fishing. By comparison, 55 percent of households with total income of $20,000 to $39,999, 45 percent of native households with total income of $40,000 to $79,999, and 34 percent of native households earning $80,000 or more obtained most or all of their meat and fish through hunting or fishing.

Type of Equipment Owned

- Rifles were owned by 89 percent of native households involved in harvesting activities (trapping, hunting or fishing), while 77 percent of harvesting households own snowmobiles. The least common piece of equipment identified in the survey was HF radios which were owned by 21 percent of harvesting households.

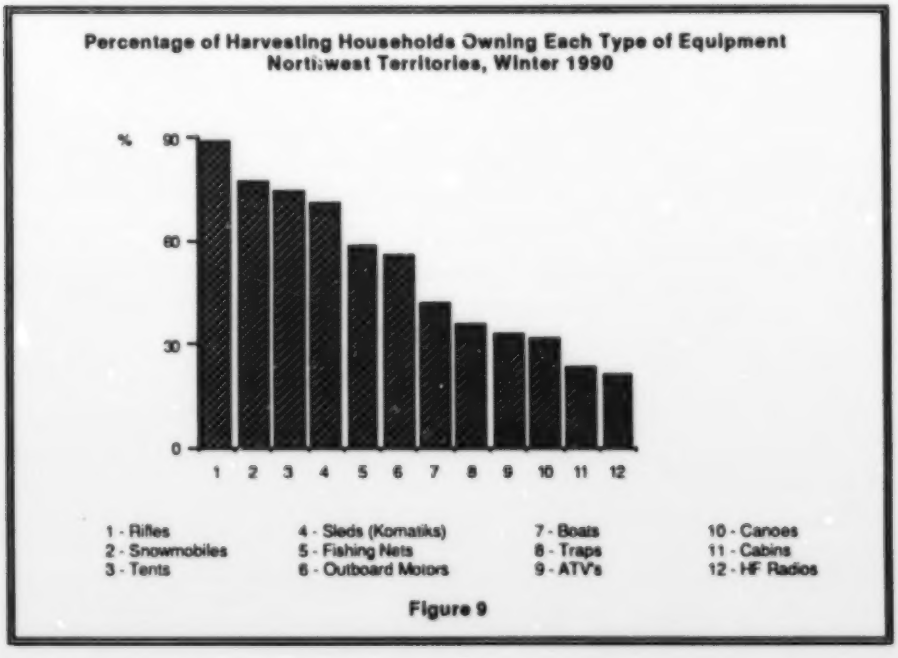


Figure 9

- For certain types of equipment the level of ownership varied considerably by area. For example, some 34 percent of harvesting households in the Dene-Métis area own cabins, compared to 28 percent in the Inuvialuit area and 14 percent in the TFN area. Some 60 percent of harvesting households in the Dene-Métis area owned traps, compared to 34 percent in the Inuvialuit area and 22 percent in the TFN area. Finally, some 49 percent of harvesting households in the TFN area reported owning an all-terrain vehicle, compared to 23 percent in the Inuvialuit area and 12 percent in the Dene-Métis area.

- Many harvesting households own more than one of particular type of equipment. For example, some 29 percent of harvesting households with a snowmobile own two or more snowmobiles, while two or more rifles are owned by 76 percent of the harvesting households who have a rifle.

- Among harvesting households owning traps, some 43 percent owned less than 50 traps, while 31 percent owned 50 to 149 traps and 26 percent owned 150 or more traps. There is some variation by area in the number of traps owned by native households. Looking at native households who own traps by area, some 76 percent have 50 or more traps in the Dene-Métis area, compared to 64 percent in the Inuvialuit area and 21 percent in the TFN area.

Operating Expenses of Harvesters

- An estimated 92 percent of harvesting households reported expenses for ammunition during 1989. Expenses for gasoline for snowmobiles was identified by 83 percent of harvesting households, while 60 percent had expenses for gasoline for outboard motors. Some 31 percent of harvesting households reported expenses for gasoline for all terrain vehicles, while 18 percent indicated expenses for gasoline for trucks used in harvesting activities.

- There was little difference by area in the percentage of harvesting households identifying each operating cost, with the exception of gasoline for all terrain vehicles and trucks. Some 48 percent of harvesting households in the TFN area spent money for gasoline for all terrain vehicles compared to 25 percent in the Inuvialuit area and 9 percent in the Dene-Métis area, reflecting ownership levels of this equipment. An estimated 4 percent of harvesting households reported gasoline expenses for trucks in the TFN area, compared to 16 percent in the Inuvialuit area and 40 percent in the Dene-Métis area .

- Some 50 percent of harvesting households had expenses totaling less than $1,000 for 1989. An additional 23 percent had operating expenses between $1,000 and $1,999, while 17 percent spent between $2,000 and $3,999. Finally, operating expenses for 10 percent of harvesting households were $4,000 or more.

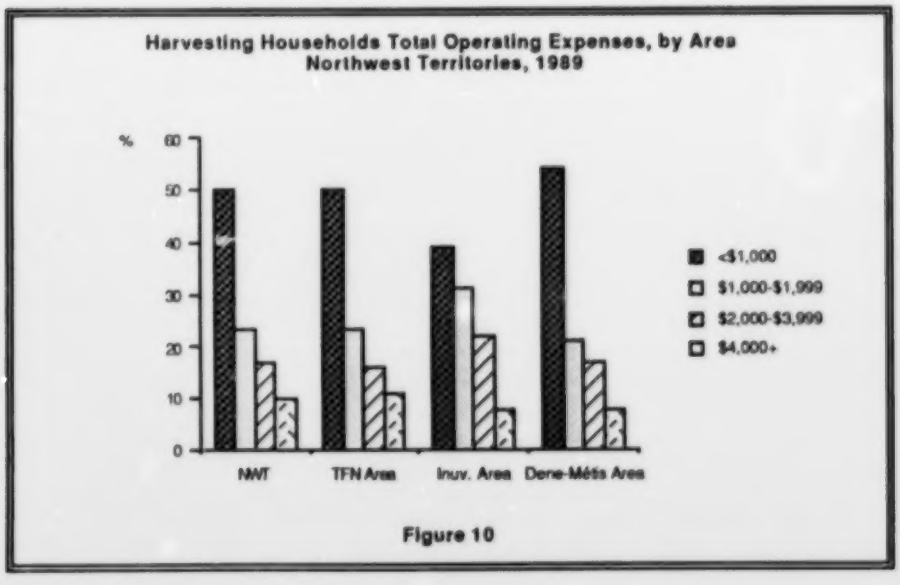


Figure 10

- In the Inuvialuit area some 61 percent of harvesting native households had operating expenses of $1,000 or more. By comparison, the percentage of harvesting households with expenses of $1,000 or more was 51 percent in the TFN area and 46 percent in the Dene-Métis area.

STATISTICAL TABLES

Table 1 Native Households, by Number of Persons and Area
Northwest Territories, Winter 1990

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
One Person	721	10	155	5	61	7	506	16
Two Persons	676	9	174	5	104	12	398	13
Three Persons	1,099	15	387	12	177	20	535	17
Four Persons	1,472	20	574	18	220	25	679	21
Five Persons	1,169	16	567	18	116	13	486	15
Six Persons	860	12	503	16	102	11	255	8
Seven Persons	617	8	398	12	47	5	172	5
Eight Persons	280	4	177	6	24	3	80	3
Nine Persons	151	2	122	4	15	2	14	-
Ten or More Persons	223	3	160	5	21	2	40	1
Average No. of Persons	4.5	na	5.3	na	4.3	na	3.8	na

Table 2 Native Households, by Number of Adults and Area
Northwest Territories, Winter 1990

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
One Adult	995	14	291	9	101	11	602	19
Two Adults	3,641	50	1,545	48	488	55	1,608	51
Three Adults	1,248	17	621	19	155	17	471	15
Four Adults	836	12	422	13	84	9	330	10
Five Adults	332	5	202	6	39	4	91	3
Six Adults	160	2	98	3	11	1	51	2
Seven or More Adults	55	1	36	1	9	1	8	-
Average No. of Adults	2.5	na	2.7	na	2.5	na	2.3	na

Table 3 Native Households, by Number of Children and Area
Northwest Territories, Winter 1990

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
No Children	1,797	25	408	13	221	25	1,167	37
One Child	1,339	18	515	16	214	24	611	19
Two Children	1,663	23	786	24	210	24	667	21
Three Children	1,188	16	668	21	119	13	402	13
Four Children	726	10	436	14	92	10	198	6
Five Children	328	5	236	7	9	1	83	3
Six Children	129	2	106	3	13	1	10	-
Seven or More Children	96	1	60	2	9	1	26	1
Average No. of Children	2.0	na	2.5	na	1.8	na	1.5	na

Table 4 Native Households, by Number of Adults, Number of Children and Area
Northwest Territories, Winter 1990

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
No Children	1,797	25	408	13	221	25	1,167	37
1 or 2 Children	3,002	41	1,301	40	424	48	1,277	40
3 or More Children	2,467	34	1,506	47	242	27	718	23
One Adult	995	100	291	100	101	100	602	100
No Children	721	72	155	53	61	60	506	84
1 or 2 Children	225	23	132	45	29	29	64	11
3 or More Children	49	5	5	2	11	11	33	5
Two Adults	3,641	100	1,545	100	488	100	1,608	100
No Children	593	16	130	8	91	19	371	23
1 or 2 Children	1,715	47	636	41	266	55	813	51
3 or More Children	1,333	37	779	50	130	27	423	26
Three or Four Adults	2,084	100	1,043	100	239	100	802	100
No Children	421	20	114	11	60	25	247	31
1 or 2 Children	837	40	419	40	97	41	320	40
3 or More Children	826	40	510	49	82	34	234	29
Five or More Adults	547	100	337	100	59	100	151	100
No Children	62	11	10	3	9	15	43	28
1 or 2 Children	225	41	114	34	31	53	80	53
3 or More Children	260	48	213	63	19	32	27	18

Table 5 Native Households, by Involvement in Trapping, Number of Persons Trapping and Area Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Trapped in 1989	1,638	23	526	16	197	22	915	29
One Person	1,177	16	399	12	135	15	643	20
Two Persons	401	6	122	4	43	5	235	7
Three Persons	42	1	4	-	9	1	28	1
Four Persons	13	-	-	-	10	1	3	-
Five Persons	6	-	-	-	-	-	6	-
Did Not Trap	5,628	77	2,690	84	690	78	2,248	71

Table 6 Native Households, by Involvement in Trapping, Which Months Trapping and Area Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Trapped in 1989	1,638	23	526	16	197	22	915	29
January	906	12	213	7	89	10	603	19
February	820	11	185	6	66	7	568	18
March	595	8	181	6	68	8	346	11
April	337	5	120	4	59	7	157	5
May	304	4	73	2	41	5	191	6
June	285	4	93	3	26	3	167	5
July	187	3	77	2	6	1	104	3
August	207	3	82	3	6	1	118	4
September	256	4	83	3	16	2	157	5
October	355	5	92	3	34	4	229	7
November	1,130	16	261	8	123	14	746	24
December	1,239	17	298	9	144	16	797	25
Monthly Average	552	8	147	5	57	6	349	11

Table 7 **Native Households,** by Involvement in Hunting or Fishing, Number of Persons and Area
Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Hunted or Fished in 1989	5,219	72	2,662	83	634	71	1,924	61
One Person	2,204	30	933	29	188	21	1,082	34
Two Persons	2,144	30	1,163	36	299	34	681	22
Three Persons	543	7	338	11	94	11	111	4
Four Persons	233	3	158	5	32	4	44	1
Five or More Persons	95	1	69	2	21	2	6	-
Did Not Hunt or Fish	2,047	28	554	17	253	29	1,239	39

Table 8 **Native Households,** by Involvement in Hunting or Fishing, Which Months Involved and Area
Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Hunted or Fished in 1989	5,219	72	2,662	83	634	71	1,924	61
January	1,665	23	920	29	100	11	645	20
February	1,669	23	912	28	91	10	666	21
March	1,912	26	1,011	31	168	19	733	23
April	2,221	31	1,367	43	275	31	578	18
May	2,630	36	1,580	49	403	45	647	20
June	3,066	42	1,857	58	367	41	841	27
July	3,358	46	1,841	57	355	40	1,162	37
August	3,494	48	1,912	59	351	40	1,231	39
September	2,796	38	1,368	43	302	34	1,125	36
October	2,161	30	1,170	36	283	32	708	22
November	1,894	26	1,056	33	244	28	594	19
December	1,757	24	943	29	144	16	670	21
Monthly Average	2,385	33	1,328	41	257	29	800	25

Table 9 Native Households, by Work Activity, Number of Persons Who Worked and Area Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Worked in 1989	6,351	87	2,869	89	836	94	2,646	84
One Person	2,656	37	1,252	39	254	29	1,150	36
Two Persons	2,664	37	1,072	33	427	48	1,165	37
Three Persons	660	9	357	11	108	12	195	6
Four Persons	279	4	134	4	34	4	111	4
Five or More Persons	91	1	53	2	14	2	25	1
Did Not Work	915	13	347	11	51	6	517	16

Table 10 Native Households, by Work Activity, Which Months Worked and Area Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Worked in 1989	6,351	87	2,869	89	836	94	2,646	84
January	4,961	68	2,276	71	647	73	2,037	64
February	4,969	68	2,279	71	650	73	2,040	64
March	5,026	69	2,297	71	672	76	2,058	65
April	5,001	69	2 283	71	670	76	2,048	65
May	5,128	71	2,335	73	668	75	2,125	67
June	5,363	74	2,388	74	701	79	2,274	72
July	5,570	77	2,470	77	744	84	2,356	74
August	5,641	78	2,579	80	761	86	2,302	73
September	5,476	75	2,500	78	747	84	2,228	70
October	5,400	74	2,457	76	736	83	2,207	70
November	5,267	72	2,403	75	707	80	2,157	68
December	5,179	71	2,384	74	704	79	2,090	66
Monthly Average	5,248	72	2,388	74	701	79	2,160	68

Table 11 Native Households, by Involvement in Traditional Northern Crafts, Number of Persons and Area
Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Involved in Crafts in 1989	2,826	39	1,494	46	318	36	1,014	32
One Person	2,217	31	1,058	33	245	28	914	29
Two Persons	532	7	375	12	72	8	85	3
Three Persons	64	1	48	1	2	-	14	-
Four Persons	13	-	13	-	-	-	-	-
Not Involved in Crafts	4,440	61	1,722	54	569	64	2,149	68

Table 12 Native Households, by Involvement in Traditional Northern Crafts, Which Crafts and Area
Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Involved in Crafts in 1989	2,826	39	1,494	46	318	36	1,014	32
Carving	886	12	740	23	58	7	88	3
Needlecraft	1,792	25	819	25	211	24	761	24
Other Crafts	596	8	211	7	85	10	299	9
Not Involved in Crafts	4,440	61	1,722	54	569	64	2,149	68

Table 13 Native Households, by Income Category and Area
Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Less than $10,000	885	12	353	11	90	10	443	14
$10,000 - $19,999	1,484	20	669	21	156	18	659	21
$20,000 - $29,999	1,376	19	697	22	173	20	506	16
$30,000 - $39,999	1,014	14	537	17	140	16	336	11
$40,000 - $49,999	946	13	472	15	107	12	367	12
$50,000 - $59,999	601	8	211	7	87	10	303	10
$60,000 - $69,999	371	5	139	4	33	4	199	6
$70,000 - $79,999	203	3	73	2	45	5	84	3
$80,000 - $89,999	172	2	26	1	27	3	119	4
$90,000 & Over	214	3	38	1	31	3	146	5

Table 14 Native Households, by Income per Household Member and Area
Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Less than $2,500	709	10	376	12	71	8	263	8
$2,500 - $4,999	1,830	25	1,076	33	177	20	578	18
$5,000 - $7,499	1,369	19	708	22	169	19	492	16
$7,500 - $9,999	1,009	14	415	13	126	14	468	15
$10,000 - $14,999	1,089	15	423	13	160	18	506	16
$15,000 - $19,999	545	8	140	4	107	12	298	9
$20,000 - $29,999	430	6	66	2	46	5	318	10
$30,000 - $39,999	189	3	6	-	16	2	167	5
$40,000 & Over	94	1	5	-	16	2	73	2

Table 15 Estimated Total Native Household Income, by Source and Area
Northwest Territories, 1989

	Northwest Territories ($000)	(%)	TFN Claim Area ($000)	(%)	Inuvialuit Settlement Area ($000)	(%)	Dene-Métis Claim Area ($000)	(%)
Native Households	249,493	100	101,211	100	32,861	100	115,424	100
Wages & Salaries	202,189	81	77,392	76	28,316	86	96,516	84
Business	2,542	1	1,427	1	729	2	386	-
Unemployment Insurance	6,769	3	2,919	3	731	2	3,114	3
Social Assistance	25,484	6	9,768	10	1,020	3	4,699	4
Sale of Furs & Hides	2,361	1	433	-	162	-	1,767	2
Commercial Fishing	426	-	303	-	-	-	123	-
Sale of Crafts	2,419	1	2,245	2	81	-	93	-
Sale of Country Food	82	-	68	-	4	-	10	-
Other Income	17,229	7	6,669	7	1,842	6	8,710	8

Table 16 Native Households, by Number Reporting Income from Each Source and Area
Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
With Income from:								
Wages & Salaries	6,377	88	2,860	89	835	94	2,683	85
Business	223	3	114	4	44	5	65	2
Unemployment Insurance	1,271	17	517	16	132	15	621	20
Social Assistance	2,522	40	1,512	47	320	36	1,090	34
Sale of Furs & Hides	1,037	14	353	11	69	8	615	19
Commercial Fishing	365	5	286	9	2		78	2
Sale of Crafts	1,068	15	882	27	93	10	90	3
Sale of Country Food	103	1	81	3	5	1	17	1
Other Income	5,079	70	2,602	81	575	65	1,901	60

Table 17 Native Households, by Number Reporting Income from Each Source, Average Income and Area
Northwest Territories, 1989

	Northwest Territories	Avg.	TFN Claim Area	Avg.	Inuvialuit Settlement Area	Avg	Dene-Métis Claim Area	Avg.
Native Households	7,266	34,337	3,216	31,471	887	37,047	3,163	36,492
With Income from:								
Wages & Salaries	6,377	31,706	2,860	27,060	835	33,911	2,683	35,973
Business	223	11,398	114	12,519	44	16,576	65	5,963
Unemployment Insurance	1,271	5,326	517	5,647	132	5,537	621	5,014
Social Assistance	2,522	5,199	1,512	6,460	320	3,186	1,090	4,311
Sale of Furs & Hides	1,037	2,277	353	1,226	69	2,345	615	2,873
Commercial Fishing	365	1,165	286	1,059	2	50	78	1,583
Sale of Crafts	1,068	2,271	882	2,545	93	869	90	1,030
Sale of Country Food	103	798	81	837	5	866	17	594
Other Income	5,079	3,392	2,602	2,563	575	3,204	1,901	4,582

Table 18 Proportion of Meat & Fish Obtained by Hunting & Fishing, by Size of Household and Area
Northwest Territories, Winter 1990

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
None (0 percent)	456	6	144	4	56	6	257	8
Some (25 percent)	1,787	25	562	17	184	21	1,041	33
Half (50 percent)	1,197	16	459	14	168	19	571	18
Most (75 percent)	1,973	27	765	24	275	31	934	30
All (100 percent)	1,617	22	1,133	35	190	21	294	9
Not Provided	235	3	154	5	15	2	66	2
One or Two Persons	1,398	100	329	100	165	100	903	100
None (0 percent)	172	12	63	19	8	5	101	11
Some (25 percent)	463	33	53	16	43	26	366	41
Half (50 percent)	223	16	55	17	47	28	121	13
Most (75 percent)	293	21	46	14	28	17	220	24
All (100 percent)	199	14	76	23	37	22	86	10
Not Provided	47	3	36	11	2	1	9	1
Three or Four Persons	2,571	100	960	100	397	100	1,213	100
None (0 percent)	164	6	21	2	44	11	100	8
Some (25 percent)	768	30	253	26	101	25	414	34
Half (50 percent)	399	16	115	12	63	16	220	18
Most (75 percent)	648	25	223	23	119	30	307	25
All (100 percent)	503	20	290	30	63	16	151	12
Not Provided	89	3	59	6	7	2	22	2
Five or Six Persons	2,028	100	1,070	100	218	100	740	100
None (0 percent)	115	6	55	5	4	2	56	8
Some (25 percent)	393	19	161	15	34	16	198	27
Half (50 percent)	387	19	194	18	46	21	148	20
Most (75 percent)	572	28	229	21	77	35	266	36
All (100 percent)	480	24	380	36	52	24	47	6
Not Provided	82	4	50	5	6	3	26	4
Seven or More Persons	1,269	100	857	100	107	100	305	100
None (0 percent)	5	.	5	1	.	.	.	.
Some (25 percent)	163	13	94	11	6	6	63	21
Half (50 percent)	189	15	95	11	12	11	82	27
Most (75 percent)	460	36	267	31	52	49	142	47
All (100 percent)	435	34	387	45	38	36	11	4
Not Provided	17	1	9	1	.	.	8	3

Table 19 Proportion of Meat & Fish Obtained by Hunting & Fishing, by Household Income and Area
Northwest Territories, Winter 1990

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
None (0 percent)	456	6	144	4	56	6	257	8
Some (25 percent)	1,787	25	562	17	184	21	1,041	33
Half (50 percent)	1,197	16	459	14	168	19	571	18
Most (75 percent)	1,973	27	765	24	275	31	934	30
All (100 percent)	1,617	22	1,133	35	190	21	294	9
Not Provided	235	3	154	5	15	2	66	2
Less than $20,000	2,369	100	1,022	100	246	100	1,102	100
None (0 percent)	152	6	88	9	10	4	54	5
Some (25 percent)	479	20	125	12	40	16	314	28
Half (50 percent)	413	17	148	14	47	19	219	20
Most (75 percent)	694	29	250	24	71	29	373	34
All (100 percent)	506	21	328	32	70	28	107	10
Not Provided	126	5	83	8	8	3	35	3
$20,000 - $39,999	2,389	100	1,234	100	313	100	842	100
None (0 percent)	61	3	36	3	8	3	16	2
Some (25 percent)	519	22	200	16	54	17	265	31
Half (50 percent)	420	18	199	16	70	22	151	18
Most (75 percent)	763	32	348	28	97	31	320	38
All (100 percent)	549	23	397	32	76	24	75	9
Not Provided	78	3	56	5	7	2	15	2
$40,000 - $79,000	2,121	100	896	100	271	100	954	100
None (0 percent)	150	7	20	2	25	9	106	11
Some (25 percent)	671	32	228	25	63	23	380	40
Half (50 percent)	321	15	108	12	43	16	170	18
Most (75 percent)	415	20	145	16	99	37	171	18
All (100 percent)	533	25	379	42	42	15	112	12
Not Provided	30	1	15	2	-	-	15	2
$80,000 & Over	386	100	64	100	57	100	265	100
None (0 percent)	94	24	-	-	13	23	81	31
Some (25 percent)	118	31	9	14	27	47	82	31
Half (50 percent)	44	11	4	6	8	14	32	12
Most (75 percent)	102	26	24	38	8	14	70	26
All (100 percent)	30	8	28	44	2	4	-	-
Not Provided	-	-	-	-	-	-	-	-

Table 20 Native Households, by Involvement in Harvesting, Response to Question on Equipment and Area Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Involved in Harvesting	5,289	73	2,687	84	640	72	1,962	62
Data on Equipment	4,616	64	2,472	77	560	63	1,585	50
No Data on Equipment	673	9	215	7	80	9	377	12
Not Involved in Harvesting	1,977	27	529	16	247	28	1,201	38

Table 21 Harvesting Households Providing Data, by Type of Equipment Owned and Area Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Households Providing Data	4,616	100	2,472	100	560	100	1,585	100
Snowmobiles	3,562	77	1,932	78	441	79	1,189	75
Canoes	1,476	32	848	34	87	16	541	34
Boats	1,918	42	741	30	293	52	884	56
Outboard Motors	2,573	56	1,337	54	318	57	918	58
Rifles	4,087	89	2,178	88	485	87	1,423	90
Tents	3,401	74	1,950	79	440	79	1,011	64
Cabins	1,041	23	348	14	157	28	537	34
Traps	1,679	36	539	22	189	34	951	60
Fishing Nets	2,699	58	1,471	60	299	53	930	59
All Terrain Vehicles	1,543	33	1,220	49	131	23	191	12
Sleds (Komatiks)	3,258	71	1,888	76	410	73	960	61
HF Radios	974	21	575	23	127	23	271	17

Table 22 Harvesting Households Providing Data, by Equipment Owned and Area
Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Own Snowmobiles	3,562	100	1,932	100	441	100	1,189	100
One Snowmobile	2,543	71	1,486	77	265	60	792	67
Two or Three Snowmobiles	948	27	421	22	165	37	360	30
Four or More Snowmobiles	72	2	24	1	11	2	36	3
Own Canoes	1,476	100	848	100	87	100	541	100
One Canoe	1,293	88	762	90	63	72	468	87
Two Canoes	160	11	85	10	23	26	52	10
Three or More Canoes	21	1	-	-	2	2	20	4
Own Boats	1,918	100	741	100	293	100	884	100
One Boat	1,636	85	665	90	237	81	734	83
Two Boats	249	13	76	10	45	15	128	14
Three or More Boats	33	2	-	-	11	4	22	2
Own Outboard Motors	2,573	100	1,337	100	318	100	918	100
One Outboard Motor	1,998	78	1,083	81	235	74	680	74
Two Outboard Motors	412	16	205	15	70	22	138	15
Three or More Outboard Motors	162	6	49	4	13	4	101	11
Own Rifles	4,087	100	2,178	100	485	100	1,423	100
One Rifle	1,011	25	505	23	92	19	415	29
Two to Four Rifles	2,188	54	1,219	56	286	59	685	48
Five or More Rifles	887	22	456	21	109	22	323	23
Own Tents	3,401	100	1,950	100	440	100	1,011	100
One Tent	2,093	62	1,202	62	228	52	663	66
Two or Three Tents	1,179	35	683	35	194	44	300	30
Four or More Tents	129	4	64	3	17	4	48	5
Own Cabins	1,041	100	346	100	157	100	537	100
One Cabin	800	77	281	81	122	78	396	74
Two Cabins	177	17	50	14	20	13	107	20
Three or More Cabins	63	6	14	4	15	10	33	6
Own Traps	1,679	100	539	100	189	100	951	100
Less than 50 Traps	723	43	425	79	68	36	221	23
50 to 149 Traps	529	32	69	13	54	29	405	43
150 or More Traps	429	26	43	8	69	37	320	34
Own Fishing Nets	2,699	100	1,471	100	299	100	930	100
One Fishing Net	1,252	46	758	52	112	37	381	41
Two or Three Fishing Nets	1,039	38	535	36	129	43	375	40
Four or More Fishing Nets	409	15	177	12	58	19	173	19
Own ATV's	1,543	100	1,220	100	131	100	191	100
One ATV	1,188	77	932	76	103	79	152	80
Two ATv's	309	20	252	21	25	19	32	17
Three or More ATV's	46	3	35	3	3	2	8	4
Own Sleds (Komatiks)	3,258	100	1,888	100	410	100	960	100
One Sled (Komatik)	1,813	56	955	51	216	53	642	67
Two or Three Sleds (Komatiks)	1,272	39	821	43	168	41	282	29
Four or More Sleds (Komatiks)	173	5	111	6	26	6	35	4
Own HF Radios	974	100	575	100	127	100	271	100
One HF Radio	864	89	541	94	103	81	220	81
Two HF Radios	97	10	30	5	23	18	44	16
Three or More Radios	12	1	4	1	2	2	7	3

Table 23 Native Households, by Involvement in Harvesting, Response to Question on Expenses and Area
Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Native Households	7,266	100	3,216	100	887	100	3,163	100
Invovled in Harvesting	5,289	73	2,687	84	640	72	1,962	62
Data on Expenses	4,310	59	2,244	70	545	61	1,521	48
No Data on Expenses	979	13	443	14	95	11	442	14
Not Involved in Harvesting	1,977	27	529	16	247	28	1,201	38

Table 24 Harvesting Households Providing Data, by Type of Expenses and Area
Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Households Providing Data	4,310	100	2,244	100	545	100	1,521	100
Ammunition	3,970	92	2,026	90	494	91	1,450	95
Gas for Snowmobiles	3,574	83	1,979	88	468	86	1,127	74
Gas for Outboard Motors	2,605	60	1,388	62	349	64	867	57
Gas for All Terrain Vehicles	1,352	31	1,087	48	135	25	130	9
Gas for Trucks	797	18	98	4	86	16	612	40

Table 25 Harvesting Households Providing Data, by Type and Level of Expenses and Area
Northwest Territories, 1989

	Northwest Territories	(%)	TFN Claim Area	(%)	Inuvialuit Settlement Area	(%)	Dene-Métis Claim Area	(%)
Total Operating Expenses	4,310	100	2,244	100	545	100	1,521	100
Less than $1,000	2,149	50	1,113	50	212	39	824	54
$1,000 - $1,999	1,008	23	521	23	170	31	316	21
$2,000 - $3,999	735	17	351	16	119	22	265	17
$4,000 or More	418	10	260	12	44	8	115	8
Ammunition	3,970	100	2,026	100	494	100	1,450	100
Less than $500	3,149	79	1,515	75	372	75	1,262	87
$500 - $999	525	13	316	16	75	15	134	9
$1,000 - $1,999	200	5	132	7	39	8	29	2
$2,000 or More	96	2	63	3	9	2	24	2
Gas for Snowmobiles	3,574	100	1,979	100	468	100	1,127	100
Less than $500	1,634	46	916	46	163	35	556	49
$500 - $999	939	26	516	26	144	31	279	25
$1,000 - $1,999	539	15	296	15	94	20	149	13
$2,000 or More	462	13	252	13	66	14	144	13
Gas for Outboard Motors	2,605	100	1,388	100	349	100	867	100
Less than $500	1,378	53	654	47	194	56	530	61
$500 - $999	633	24	393	28	78	22	162	19
$1,000 - $1,999	369	14	201	14	66	19	102	12
$2,000 or More	224	9	141	10	12	3	72	8
Gas for All Terrain Vehicles	1,352	100	1,067	100	135	100	130	100
Less than $500	1,145	85	912	84	120	89	112	86
$500 - $999	131	10	119	11	9	7	2	2
$1,000 - $1,999	66	5	55	5	2	1	9	7
$2,000 or More	10	1	-	-	4	3	6	5
Gas for Trucks	797	100	98	100	86	100	612	100
Less than $500	473	59	66	67	42	49	365	60
$500 - $999	127	16	10	10	20	23	96	16
$1,000 - $1,999	109	14	16	16	13	15	80	13
$2,000 or More	87	11	5	5	10	12	71	12

APPENDIX A
SURVEY METHODOLOGY

METHODOLOGY

Survey Organization

- The Renewable Resource Harvester Survey questionnaire was developed by the Bureau of Statistics in consultation with the members of Renewable Resource Harvesters Program Working Group.

- Funding for the survey operations was provided, in part, by the Department of Renewable Resources.

- Survey operations were managed by the Bureau of Statistics. The Tungavik Federation of Nunavut (TFN), the Inuvialuit Game Council, and the Dene-Métis Negotiations Secretariat were contracted to coordinate data collection activities for their areas. As well as working with the Bureau of Statistics to coordinate field operations, each organization provided regional coordinators and surveyors for each community.

- Bureau of Statistics staff presented training sessions for the regional coordinators in each area. In some areas, surveyors were also trained directly by the Bureau of Statistics. An interviewer manual was prepared and provided to all surveyors and regional coordinators.

- All questionnaires were interviewer administered, with interviews taking place in February and March 1990.

- A copy of the questionnaire is provided in Appendix B.

Sampling Procedures

- Sampling procedures were dictated by the requirement of providing statistically reliable information for the three geographic areas indicated above.

- Sample selection was completed so that native households to be interviewed were selected from every community in Northwest Territories. The sample of native households was selected from the listing of households completed in conjunction with the 1989 NWT Labor Force Survey.

- The questionnaire was completed by an interviewer with one member from each household. For the section of the questionnaire obtaining information on individuals in the households, an attempt was made to receive the information from each person.

Data Entry and Processing

- Upon receipt, each questionnaire was reviewed and obvious corrections were made.

- Data entry was completed directly from the questionnaires using data entry screens developed by the Bureau of Statistics. Information was stored on a Hewlett-Packard 3000 Image data base.

- Statistical tables were prepared using the Statistical Package for the Social Sciences (SPSS).

Edit and Imputation of Data

- Following data entry, computer assisted edits were performed to check for data entry errors and logical inconsistencies among responses.

- Where information was missing on an individual in a household, an attempt was made to impute values based on information from the same questionnaire. Where this was not possible, the imputation procedure used information from another questionnaire. These donor questionnaires were selected by randomized computer matches. Matching of records was limited to persons from the same community who were the same sex and of a similar age.

- Other information on households, such as consumption of country food and an inventory of harvesting equipment, was not imputed.

Questionnaires Received and Sample Weighting

- Some 1,357 questionnaires were received and included in the renewable resource harvester survey statistical file. The count of questionnaires received (sample size) by area is provided in Table A1.

- Weighting of the statistical file was done so that resulting statistics were based on estimated number of native households by area. Weighting of the sample was done at the community level.

- Due to the weighting procedures, totals for the tables in this report do not necessarily sum.

Sampling and Non-Sampling Errors

- Information on sample sizes and sampling errors are provided in Table A1. Area and territorial level standard errors and coefficients of variation are provided for estimates of the number of native households with at least on member who trapped, hunted or fished, and worked during 1989.

- The standard error statistic is used to determine confidence intervals for estimates of population values based on a sample. Most often, the 95 percent confidence interval is used (which should contain the true population value 19 time out of 20). To determine the approximate 95 percent confidence interval for an estimate, the standard error is doubled.

- To illustrate, the estimate for the number of households involved in hunting or fishing in the TFN area was 2,662 households. From Table A1, the standard error value for the count of households involved in hunting or fishing for the TFN area is 48 households. Twice the standard error is 96, meaning that 19 times out of 20 the number of native households involved in hunting or fishing in the TFN area is in the interval 2,662 ± 96 households or between 2,566 and 2,758 native households. Such interval estimates are highly conservative. Generally, population values are close to their corresponding sample estimates.

- The other measure of sampling error widely used is the coefficient of variation (CV). This statistic is the ratio of the standard error to the sample estimate, indicating the the percentage error implicit in the estimate. For native households involved in hunting or fishing in the TFN area, CV = 1.8 percent.

- Another source of error in surveys is referred to as non-sampling errors. These errors result from incorrect answers being given to questions, data entry errors, etc. Surveys are designed to minimize such errors. Generally, the effect of these errors is not known.

Table A1 Sample Sizes, Standard Errors and Coefficients of Error, by Area
Northwest Territories, Winter 1990

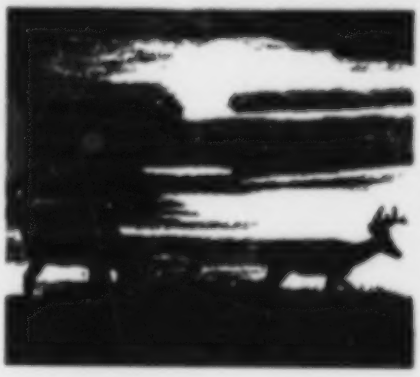
	Northwest Territories	TFN Claim Area	Inuvialuit Settlement Area	Dene-Métis Claim Area
Native Households	7,266	3,216	887	3,163
Sample Size	1,357	539	350	468
Standard Error (number):				
Trapped	79	47	15	61
Hunted or Fished	83	48	17	66
Worked	64	39	9	50
Standard Error (percentage points):				
Trapped	1.1	1.5	1.7	1.9
Hunted or Fished	1.1	1.5	1.9	2.1
Worked	0.9	1.2	1.0	1.6
Coefficient of Variation (percent):				
Trapped	4.8	8.9	7.8	6.7
Hunted or Fished	1.6	1.8	2.6	3.4
Worked	1.0	1.4	1.0	1.9

APPENDIX B
QUESTIONNAIRE

Confidential When Completed

Northwest Territories Bureau of Statistics

Northwest Territories Renewable Resource Harvester Survey



The Government of the Northwest Territories, Tungavik Federation of Nunavut, Inuvialuit Game Council, Dene Nation and Metis Association are reviewing renewable resource harvester support programs. In order to plan such programs more information on harvesting activity is required.

This survey is designed to provide the information needed for this review. Please help by answering these questions as completely as possible.

Community: _____ Date: _____

Address: _____

Surveyor's Name: _____ Household Number: _____

A. Background Information:

1. In total, how many persons normally live in this household? _____
2. How many of these persons are under the age of 16 years? _____
3. How many of these persons are 16 years of age or older? _____

B. Persons 16 Years of Age and Older

	Person 1	Person 2
4. Names of All Household Members 16 Years of Age or Older (Include all persons who normally live in this household, including students.)	(Last Name) (First Name)	(Last Name) (First Name)
5. Date of Birth	Day _____ Month _____ Year _____	Day _____ Month _____ Year _____
6. Health Care Number	☐☐☐☐–☐☐☐☐	☐☐☐☐–☐☐☐☐
7. Sex	○ Male ○ Female	○ Male ○ Female
8. What is this person's ethnic status?	○ Inuit ○ Inuvialuit ○ Dene ○ Metis ○ Non-Native	○ Inuit ○ Inuvialuit ○ Dene ○ Metis ○ Non-Native
9. What is the highest grade this person has completed at elementary or secondary school or through upgrading?	○ Never Attended School or _____ Highest Grade Completed	○ Never Attended School or _____ Highest Grade Completed
10. Did this person participate in any programs for hunters and trappers during 1989?	○ Yes ○ No If Yes, which ones? (For example, Outpost Camp Program or Trapper Training Program) _____ _____ _____	○ Yes ○ No If Yes, which ones? (For example, Outpost Camp Program or Trapper Training Program) _____ _____ _____
11. Did this person work at a job or business, including self-employed, at any time during 1989?	○ Yes ○ No If No, Skip to Question 14	○ Yes ○ No If No, Skip to Question 14

Person 3	Person 4	Person 5	Person 6
(Last Name) (First Name)	(Last Name) (First Name)	(Last Name) (First Name)	(Last Name) (First Name)
Day _____ Month _____ Year _____	Day _____ Month _____ Year _____	Day _____ Month _____ Year _____	Day _____ Month _____ Year _____
☐☐☐–☐☐☐	☐☐☐–☐☐☐	☐☐☐–☐☐☐	☐☐☐–☐☐☐
○ Male ○ Female	○ Male ○ Female	○ Male ○ Female	○ Male ○ Female
○ Inuit ○ Inuvialuit ○ Dene ○ Metis ○ Non-Native	○ Inuit ○ Inuvialuit ○ Dene ○ Metis ○ Non-Native	○ Inuit ○ Inuvialuit ○ Dene ○ Metis ○ Non-Native	○ Inuit ○ Inuvialuit ○ Dene ○ Metis ○ Non-Native
○ Never Attended School or _____ Highest Grade Completed	○ Never Attended School or _____ Highest Grade Completed	○ Never Attended School or _____ Highest Grade Completed	○ Never Attended School or _____ Highest Grade Completed
○ Yes ○ No If Yes, which ones? (For example, Outpost Camp Program or Trapper Training Program) _____ _____ _____	○ Yes ○ No If Yes, which ones? (For example, Outpost Camp Program or Trapper Training Program) _____ _____ _____	○ Yes ○ No If Yes, which ones? (For example, Outpost Camp Program or Trapper Training Program) _____ _____ _____	○ Yes ○ No If Yes, which ones? (For example, Outpost Camp Program or Trapper Training Program) _____ _____ _____
○ Yes ○ No *If No, Skip to Question 14*	○ Yes ○ No *If No, Skip to Question 14*	○ Yes ○ No *If No, Skip to Question 14*	○ Yes ○ No *If No, Skip to Question 14*

B. Persons 16 Years of Age and Older

	Person 1	Person 2
4. Names of All Household Members 16 Years of Age or Older (Include all persons who normally live in this household, including students.)	(Last Name) (First Name)	(Last Name) (First Name)
12. In which months during 1989 did this person work, including paid absences and vacations? (Check All Year or Specific Months)	○ Jan ○ Jul ○ Feb ○ Aug ○ Mar ○ Sep ○ Apr ○ Oct ○ May ○ Nov ○ Jun ○ Dec ○ All Year	○ Jan ○ Jul ○ Feb ○ Aug ○ Mar ○ Sep ○ Apr ○ Oct ○ May ○ Nov ○ Jun ○ Dec ○ All Year
13. How many weeks in total did this person work during 1989?	○ < 4 wks. ○ 4-12 wks. ○ 13-26 wks. ○ > 26 wks.	○ < 4 wks. ○ 4-12 wks. ○ 13-26 wks. ○ > 26 wks.
14. During 1989, did this person spend time on the land trapping?	○ Yes ○ No *If No, Skip to Question 17*	○ Yes ○ No *If No, Skip to Question 17*
15. In which months during 1989 did this person trap? (Check All Year or Specific Months)	○ Jan ○ Jul ○ Feb ○ Aug ○ Mar ○ Sep ○ Apr ○ Oct ○ May ○ Nov ○ Jun ○ Dec ○ All Year	○ Jan ○ Jul ○ Feb ○ Aug ○ Mar ○ Sep ○ Apr ○ Oct ○ May ○ Nov ○ Jun ○ Dec ○ All Year
16. How many weeks in total did this person trap during 1989?	○ < 4 wks. ○ 4-12 wks. ○ 13-26 wks. ○ > 26 wks.	○ < 4 wks. ○ 4-12 wks. ○ 13-26 wks. ○ > 26 wks.
17. During 1989, did this person spend time on the land hunting or fishing?	○ Yes ○ No *If No, Skip to Question 21*	○ Yes ○ No *If No, Skip to Question 21*
18. In which months during 1989 did this person hunt or fish? (Check All Year or Specific Months)	○ Jan ○ Jul ○ Feb ○ Aug ○ Mar ○ Sep ○ Apr ○ Oct ○ May ○ Nov ○ Jun ○ Dec ○ All Year	○ Jan ○ Jul ○ Feb ○ Aug ○ Mar ○ Sep ○ Apr ○ Oct ○ May ○ Nov ○ Jun ○ Dec ○ All Year

Person 3	Person 4	Person 5	Person 6
(Last Name) (First Name)	(Last Name) (First Name)	(Last Name) (First Name)	(Last Name) (First Name)
O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year	O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year	O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year	O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year
O < 4 wks. O 4-12 wks. O 13-26 wks. O > 26 wks.	O < 4 wks. O 4-12 wks. O 13-26 wks. O > 26 wks.	O < 4 wks. O 4-12 wks. O 13-26 wks. O > 26 wks.	O < 4 wks. O 4-12 wks. O 13-26 wks. O > 26 wks.
O Yes O No *If No, Skip to Question 17*	O Yes O No *If No, Skip to Question 17*	O Yes O No *If No, Skip to Question 17*	O Yes O No *If No, Skip to Question 17*
O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year	O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year	O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year	O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year
O < 4 wks. O 4-12 wks. O 13-26 wks. O > 26 wks.	O < 4 wks. O 4-12 wks. O 13-26 wks. O > 26 wks.	O < 4 wks. O 4-12 wks. O 13-26 wks. O > 26 wks.	O < 4 wks. O 4-12 wks. O 13-26 wks. O > 26 wks.
O Yes O No *If No, Skip to Question 21*	O Yes O No *If No, Skip to Question 21*	O Yes O No *If No, Skip to Question 21*	O Yes O No *If No, Skip to Question 21*
O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year	O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year	O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year	O Jan O Jul O Feb O Aug O Mar O Sep O Apr O Oct O May O Nov O Jun O Dec O All Year

B. Persons 16 Years of Age and Older

	Person 1	Person 2
4. Names of All Household Members 16 Years of Age or Older (Include all persons who normally live in this household, including students.)	(Last Name) (First Name)	(Last Name) (First Name)
19. How many weeks in total did this person hunt or fish during 1989?	○ < 4 wks. ○ 4-12 wks. ○ 13-26 wks. ○ > 26 wks.	○ < 4 wks. ○ 4-12 wks. ○ 13-26 wks. ○ > 26 wks.
20. What was the main purpose of this person's hunting and fishing activity?	○ For use by this household ○ For commercial use ○ Both	○ For use by this household ○ For commercial use ○ Both
21. During 1989, was this person involved in traditional northern crafts such as carving, sewing, etc.?	○ Yes ○ No *If No, Skip to Question 23*	○ Yes ○ No *If No, Skip to Question 23*
22. Which specific traditional northern crafts was this person involved in during 1989?	○ Carving ○ Needlecraft ○ Other Specify: _____	○ Carving ○ Needlecraft ○ Other Specify: _____
23. What is the total income this person received during 1989 from each of the following sources?	○ No Income During 1989 or Wages and Salaries $ _____ Business Income $ _____ Unemployment Insurance $ _____ Social Assistance $ _____ Sale of Furs and Hides $ _____ Commercial Fishing $ _____ Sale of Crafts $ _____ Sale of Country Food $ _____ Other Income (e.g. Pensions, Investments, Family Allowance) $ _____	○ No Income During 1989 or Wages and Salaries $ _____ Business Income $ _____ Unemployment Insurance $ _____ Social Assistance $ _____ Sale of Furs and Hides $ _____ Commercial Fishing $ _____ Sale of Crafts $ _____ Sale of Country Food $ _____ Other Income (e.g. Pensions, Investments, Family Allowance) $ _____

Person 3	Person 4	Person 5	Person 6
(Last Name) (First Name)	(Last Name) (First Name)	(Last Name) (First Name)	(Last Name) (First Name)
○ < 4 wks. ○ 4-12 wks. ○ 13-26 wks. ○ > 26 wks.	○ < 4 wks. ○ 4-12 wks. ○ 13-26 wks. ○ > 26 wks.	○ < 4 wks. ○ 4-12 wks. ○ 13-26 wks. ○ > 26 wks.	○ < 4 wks. ○ 4-12 wks. ○ 13-26 wks. ○ > 26 wks.
○ For use by this household ○ For commercial use ○ Both	○ For use by this household ○ For commercial use ○ Both	○ For use by this household ○ For commercial use ○ Both	○ For use by this household ○ For commercial use ○ Both
○ Yes ○ No *If No, Skip to Question 23*	○ Yes ○ No *If No, Skip to Question 23*	○ Yes ○ No *If No, Skip to Question 23*	○ Yes ○ No *If No, Skip to Question 23*
○ Carving ○ Needlecraft ○ Other Specify: _____	○ Carving ○ Needlecraft ○ Other Specify: _____	○ Carving ○ Needlecraft ○ Other Specify: _____	○ Carving ○ Needlecraft ○ Other Specify: _____
○ No Income During 1989 or Wages and Salaries $ _____ Business Income $ _____ Unemployment Insurance $ _____ Social Assistance $ _____ Sale of Furs and Hides $ _____ Commercial Fishing $ _____ Sale of Crafts $ _____ Sale of Country Food $ _____ Other Income (e.g. Pensions, Investments, Family Allowance) $ _____	○ No Income During 1989 or Wages and Salaries $ _____ Business Income $ _____ Unemployment Insurance $ _____ Social Assistance $ _____ Sale of Furs and Hides $ _____ Commercial Fishing $ _____ Sale of Crafts $ _____ Sale of Country Food $ _____ Other Income (e.g. Pensions, Investments, Family Allowance) $ _____	○ No Income During 1989 or Wages and Salaries $ _____ Business Income $ _____ Unemployment Insurance $ _____ Social Assistance $ _____ Sale of Furs and Hides $ _____ Commercial Fishing $ _____ Sale of Crafts $ _____ Sale of Country Food $ _____ Other Income (e.g. Pensions, Investments, Family Allowance) $ _____	○ No Income During 1989 or Wages and Salaries $ _____ Business Income $ _____ Unemployment Insurance $ _____ Social Assistance $ _____ Sale of Furs and Hides $ _____ Commercial Fishing $ _____ Sale of Crafts $ _____ Sale of Country Food $ _____ Other Income (e.g. Pensions, Investments, Family Allowance) $ _____

C. Household Information

24. How much of the total meat and fish eaten by the people in your household is obtained through hunting and fishing?

O None (0%) O Some (25%) O Half (50%) O Most (75%) O All (100%)

25. Approximately how much does your household spend on store bought meat each month?

$ _____

26. Complete the following table on the type of equipment this household owns for *hunting, fishing or trapping?*

Item	Number Owned	Number of Years in Use (*)				Repair Costs in 1989
		No. 1	No. 2	No. 3	No. 4	
Snowmobiles						
Canoes						
Boats						
Outboard Motors						
Rifles						
Tents						
Cabins						
Traps		na	na	na	na	
Fishing Nets						
All Terrain Vehicles						
Sleds (Komatiks)						
HF Radios						

(*) If the household owns more than one of any item, indicate the number of years of use for each.

27. What was spent by your household on the following items for *hunting, fishing or trapping* during 1989?

Ammunition $ _____

Gasoline:

for Snowmobiles $ _____

for Outboard Motors $ _____

for All Terrain Vehicles $ _____

for Trucks $ _____

28. How many years do the following items normally last before needing replacement?

Snowmobiles _____

Canoes _____

Boats _____

Outboard Motors _____

All Terrain Vehicles _____